

Table 3.5.1. Dates during which stream discharge was measured at sites in the Long Creek and Red Brook watersheds. An asterisk refers to the fact that some rain events occurred in more than one pulse, as indicated by the text in parentheses. More complete climatological data is provided in Appendix E.

Event	Date(s)	Precipitation						24-Hour			Time Since		
		Amount During Period of Heaviest Rainfall	* Duration (hours) (inches)	Precipitation Amount During First 24 Hours	Total Duration	Precipitation (hours) (inches)	Rainfall of > 0.01" (hours) (days)	Time Since Last Hourly Event Having > 0.01" (inches) (days)	Last Rainfall Having > 0.50" in a 24-Hour Period	24-Hour Precipitation of Last Rain Event			
		(A)	(B)	(C)	(D)	(E)	(F)						
Storm Event 1	3/28/00 - 3/29/00	1.3	7	1.5	24	1.6	29	--	--	--	--	--	--
Storm Event 2	10/18/00 - 10/19/00	1.1	21	1.1	24	1.1	21	--	--	--	--	--	--
Storm Event 3 - <i>a</i>	9/25/01 - 9/26/01	0.1	(1 st) 12	1.7	24	1.7	24	--	--	--	--	--	--
Storm Event 3 - <i>b</i>	9/25/01 - 9/26/01	1.6	(2 nd) 12	--	--	--	--	--	--	--	--	--	--
ISCO Calibration Event 1	11/10/00 - 11/11/00	1.3	26	1.3	24	1.3	26	--	--	--	--	--	--
ISCO Calibration Event 2	9/21/01 - 9/22/01	1.2	13	1.2	24	1.3	29	--	--	--	--	--	--
ISCO Calibration Event 3a	5/13/02 - 5/14/02	0.2	(1 st) 11	0.7	24	2.1	39	--	--	--	--	--	--
ISCO Calibration Event 3b	5/13/02 - 5/14/02	1.8	(2 nd) 22	--	--	--	--	--	--	--	--	--	--
Baseflow Event 1	8/22/00	--	--	--	--	--	--	--	--	3.3	0.06	7.5	
Baseflow Event 2	9/19/00	--	--	--	--	--	--	--	--	3.9	0.53	3.9	

Table 3.5.2. The amount of time it took the various flow monitoring stations to reach peak flow during the three storms sampled in the present study. During the September 2001 storm, LC-M almost reached peak flow after 12.2 hours, but it never truly reached peak flow until 21.8 hours.

<u>SITE</u>			
DATE	LC-S	LC-M	RB
3/28/2000 - 3/29/2000	4.4 hr	10.6 hr	12.9 hr
10/18/2000 - 10/19/2000	20.2 hr	21.7 hr	27.1 hr
9/25/2001 - 9/26/2001	12.4 hr	(12.2) 21.8 hr	20.1 hr